

ABSTRACT OF DISCLOSURE

In an electronic still camera having a charge storage type image-capturing element, electrical charges are stored 5 at the image-capturing element in correspondence to the subject brightness distribution and the stored charges are read out from the image-capturing element as image data and are temporarily stored. Then the image data are compressed and recorded into a recording medium. In an ultra high-speed continuous shooting mode for performing an ultra 10 high-speed continuous photographing operation at 30 frames per second, charge storage at the image-capturing element and read of stored charges at the image-capturing element having undergone a culling process are repeatedly performed 15 and the image data in the preceding frame are compressed while electrical charges are being stored for the next frame.